

The following claims are presented for examination:

1. (Previously Presented) A method comprising:
populating a cache with a resource only when at least i requests for said resource have been received;

wherein i is an integer and is at least occasionally greater than one.

2-7. (Canceled)

8. (Previously Presented) A data processing system comprising:
a cache for storing a resource; and
a processor for populating said cache with said resource only when at least i requests for said resource have been received;

wherein i is an integer and is at least occasionally greater than one.

9-10. (Canceled)

11. (Original) The data processing system of claim 8 wherein said cache is populated with said resource only when at least i requests for said resource have been received within an elapsed time interval, Δt .

12. (Original) The data processing system of claim 8 wherein the duration of said elapsed time interval, Δt , is based on the value of i .

13-14.

15. (Previously Presented) A method comprising:
receiving at a first node in a computer network at least one request for a resource;
retrieving said resource from a second node in said computer network; and
populating a cache in said first node with said resource only when at least i requests for said resource have been received at said first node;

wherein i is an integer and is at least occasionally greater than one.

16-21. (Canceled).

22. (Original) The method of claim 15:
wherein said computer network is a hierarchical computer network and said first node has m filial nodes;

wherein said cache is populated with said resource only when at least one request for said resource has been received from at least n of said m filial nodes; and

wherein m is an integer greater than one, n is an integer greater than one, and $m \geq n$.

23. (Original) The method of claim 15:

wherein said computer network is a hierarchical computer network and said first node has m filial nodes;

wherein said cache is populated with said resource only when at least one request for said resource has been received from at least n of said m filial nodes within an elapsed time interval, Δt ; and

wherein m is an integer greater than one, n is an integer greater than one, and $m \geq n$.

24. (Previously Presented) A first node in a computer network, said first node comprising:

a cache;

at least one receiver for receiving at least one request for a resource; and

a processor for retrieving said resource from a second node in said computer network, and for populating said cache in said first node with said resource only when at least i requests for said resource have been received at said first node;

wherein i is an integer and is at least occasionally greater than one.

25-26. (Canceled)

27. (Original) The first node of claim 24 wherein said cache is populated with said resource only when at least i requests for said resource have been received within an elapsed time interval, Δt .

28. (Original) The first node of claim 27 wherein the duration of said elapsed time interval, Δt , is based on the value of i .

29-30. (Canceled)

31. (Original) The first node of claim 24:

wherein said computer network is a hierarchical computer network and said first node has m filial nodes;

wherein said cache is populated with said resource only when at least one request for said resource has been received from at least n of said m filial nodes; and

wherein m is an integer greater than one, n is an integer greater than one, and $m \geq n$.

32. (Original) The first node of claim 24:

wherein said computer network is a hierarchical computer network and said first node has m filial nodes;

wherein said cache is populated with said resource only when at least one request for said resource has been received from at least n of said m filial nodes within an elapsed time interval, Δt ; and

wherein m is an integer greater than one, n is an integer greater than one, and $m \geq n$.